



# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

सं. 48]

गई विल्ली, शनिवार, नवम्बर 28, 1970 (अग्रहायण 7, 1892)

No. 48] NEW DELHI, SATURDAY, NOVEMBER 28, 1970 (AGRAHAYANA 7, 1892)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

### भाग III—खण्ड 2

#### PART III—SECTION 2

पटेंट कार्यालय द्वारा भारी की गई पेटेंट्स और डिजाइनों से सम्बंधित प्रक्रियाओं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

##### Patents and Designs

Calcutta, the 28th November 1970

##### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

7th November 1970

129135. J. K. Garg. Mechanical fan, children's toys or dynamo.

129136. Dugganapalli Ram Geetha Mohan. An improved multi-purpose chair.

129137. Borgs Fabriks Aktiebolag. An aircraft barrier net.

129138. Borgs Fabriks Aktiebolag. A safety device for aircraft barrier systems.

129139. Eso Research and Engineering Company. Shift process for new catalyst.

129140. Joseph Lucas (Industries) Limited. A method of manufacturing ceramic magnets containing strontium or barium ferrite. (11th November 1969).

129141. Elkem A/S. Improved electrode holders for electrodes in electric smelting furnaces.

129142. Celanese Corporation. Production of novel open-celled microporous film.

9th November 1970

129143. R. S. Chhatwal. The design of a screw and socket type metallic joint in the wood.

129144. Mail Order Sales Private Ltd. Indoor apparatus for exercising the body.

L347GI/70

129145. Convex Limited. Spring cushioning.

129146. E. R. Squibb & Sons, Inc. Peptide sweetening agent.

129147. E. R. Squibb & Sons, Inc. Process for producing  $\alpha$ -amino-benzylpenicillin.

129148. Tate & Lyle Limited. Improvements in the production of sucrose. (12th November 1969).

129149. An Braun. Balanced free piston engine.

129150. Hindustan Lever Limited. Soap tablet production. (7th November 1969).

129151. G. R. Ahuja, I. R. Ahuja, G. R. Ahuja, S. R. Ahuja and O. G. Ahuja. Improvements in or relating to caps or like closures.

129152. Merck & Co., Inc. (P-sulfonyl) phenylurea useful in marek's disease.

129153. Lovens Kemisko Fabrik Produktionsaktieselskab. Method for the production of new penicillanic acid derivatives. (11th November 1969).

129154. Snam Progetti S.p.A. Process for removing catalytic metal residues from polyolefines.

129155. Fulmer Research Institute Limited. Improvements in the treatment of alloys. (12th November 1969).

129156. Fulmer Research Institute Limited. Improvements in the treatment of alloys. (12th November 1969).

129157. Siemens Aktiengesellschaft. Improvements in or relating to conveyor systems. (22nd October 1970).

10th November 1970

129158. M. G. Kalkar. Improved device for protection of polyphase motors etc.

129159. The Goodyear Tire & Rubber Company. Improvements in preparation of graft, block and cross-linked unsaturated polymers and copolymers by olefin metathesis.

129160. The Goodyear Tire & Rubber Company. Improvements in control of molecular weight and molecular weight distribution of unsaturated polymers.

129161. Miles Laboratories, Inc. Metal ion detecting membranes.

129162. Sherritt Gordon Mines Limited. Method for leaching reduced laterite ores. (23rd December 1969).

129163. Imperial Chemical Industries Limited. Coloration process. (13th November 1969).

129164. Universal Oil Products Company. Improvements in and relating to vehicle seats. (25th November 1969).

129165. Hindustan Lever Limited. Skin preparations. (17th November 1969).

129166. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-in-soluble monoazo dyestuffs and process for preparing them.

129167. Siemens Aktiengesellschaft. A control arrangement.

129168. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for polymerizing  $\alpha$ -olefins.

129169. A. I. Welders Limited. Improvements in or relating to friction welding. (14th November 1969).

129170. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Halogenated pregnanes.

129171. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the manufacture of halogenated pregnanes.

129172. L. Givaudan & Cie Societe Anonyme. Novel odorant.

129173. Sandoz Ltd. Pyrazoline compounds.

11th November 1970

129174. Mitsubishi Jukogyo Kabushiki Kaisha. Hydraulically loaded rolling mills.

129175. Halcon International, Inc. Chemical composition.

129176. Halcon International, Inc. Chemical composition.

129177. Imperial Chemical Industries Limited. Basic organic compounds. (17th November 1969).

129178. Borg-Warner Corporation. Lubricant seal.

129179. Farbenfabriken Bayer Aktiengesellschaft. Ureido-phenylthioureas a process for their preparation and their use as fungicides.

129180. P. C. Luthar. A device for lubricating the wheel flanges of railway vehicles.

129181. Ciba-Geigy AG. New  $\alpha$ -desacetoxy-7-acylaminocephalosporanic acids and process for their manufacture.

129182. Pirelli Societa per Azioni. Breaker structures of radial cord carcass tyres. (25th September 1970).

129183. Pirelli Societa per Azioni. Breaker structures of radial cord carcass tyres. (25th September 1970).

129184. The Post Office. Improvements in and modifications of wire connectors. (13th November 1969).

129185. International Standard Electric Corporation. System for controlling the transmit time of stations which are in communication with one another via a satellite.

129186. International Standard Electric Corporation. Multiple audio signal transmission in tv. systems.

12th November 1970

129187. Council of Scientific and Industrial Research. A process for the synthesis of 2, 2-disubstituted-3, 4-diphenylchromans.

129188. Council of Scientific and Industrial Research. A process for the synthesis of 2, 3-disubstituted 3, 4-diphenylchromenes.

129189. S. Ambazhagan. Caution alarm.

129190. Neofabrico. 2 Neoseal.

129191. Rike Laboratories Inc. Inhalation responsive aerosol dispenser.

129192. Ahmedabad Textile Industry's Research Association. Dual dryer for textile and like materials, incorporating arrangements for the efficient use of drying medium and drying space.

129193. Ciba-Geigy Limited. Process for the production of new hetero-cyclic carboxylic acid esters.

129194. Ciba-Geigy Limited. Process for the production of new hetero-cyclic carboxylic acids.

129195. Ciba-Geigy Limited. Process for the production of new hetero-cyclic carboxylic acids.

129196. S. Bahary. Building devices. (12th November 1969). [Divisional date 12th May 1970]

129197. Usv Pharmaceutical Corporation. Process of preparing carbamoyl oximes. [Addition to No. 117884].

129198. Veb Kombinat Kali. Process for the production of waterproof fiber boards with magnesia as a binding agent.

129199. Feather Industries, Limited. An operating messer.

129200. Director, Indian Institute of Science, Bangalore. A self resonant tank circuit.

129201. Director, Indian Institute of Science, Bangalore. A triode consisting of a cathode and a grid.

129202. Director, Indian Institute of Science, Bangalore. Circuit configuration for converting 3 phase power frequency to radio frequency.

129203. Dr. S. L. Mukherjee. A self extinguishing device.

129204. Globe-Union Inc. Apparatus for successively applying a plurality of coatings to a substrate.

129205. Globe-Union Inc. Apparatus for simultaneously applying a plurality of coating to a substrate.

129206. Globe-Union Inc. Apparatus for repetitively applying coating to a substrate.

129207. Globe-Union Inc. Production of resistive coatings.

129208. Sandoz Ltd. Improvements in or relating to organic compounds. (14th November 1969).

129209. Takeda Chemical Industries, Ltd. Benzodiazepine derivatives.

129210. Battelle Memorial Institute. Process for modifying the surface properties of a plastics body.

129211. Oy Tampella Ab. Percussion fuse, particularly for projectiles.

129212. Societe Fives Lille-Cail. A gas pipe for apparatus for preheating fine-grained materials, more particularly raw meal in cement works.

129213. C. V. Joseph. An automatic kettle for preparing hot tea or coffee.

129214. Deutsche Texaco Aktiengesellschaft. Prevention of coking in pyrolysis plants.

129215. Canadian Patents and Development Limited. System for determining amount of an element dissolved in a molten metal. (24th December 1969).

129216. Deering Milliken Research Corporation. Drafting system.

129217. Monsanto Company. Unsymmetrical dialkyl thiozole.

129218. P. L. Chakradeo. Synchronously rotating filter attachment for a cine camera and a projector for colour reproduction.

129219. Capt. Y. D. Joshi. An improved water proofing compound.

129220. P. L. Chakradeo. Attachments for a monochrome television camera and for a corresponding receiving set for viewing a colour picture.

## Alteration of Date

127714. Ante-dated to 26th May 1969 under Section 5 of the Act.

## Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents' Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

119475 Ceskoslovenska Akademie Ved. A process of preparing chloro derivatives of *p*-(1, 5-dimethylhexyl) benzoic acid esters. Accepted on 20th October 1970.

*Reacting a p-halobenzyl alcohol with an aliphatic lithium derivative, treating the products with a ketone and the tertiary alcohol obtained is oxidised using chromic oxide in the medium of acetone in the presence of sulphuric acid and saturating with gaseous hydrogen sulphide in an alcoholic solution.*

119730. Quenot & Cie Sarl. Improvement in try-square. Accepted on 7th November 1970.

*Comprising a stock with a bevelled extremity having a slot in which is received a first blade scale, a second slot in the upper side of the stock receiving a second scale and a linear measuring instrument housed in the remote end of the stock.*

119735. Miss Vimal Arora. Self holding and locking strap. Accepted on 7th November 1970.

*Locking head is provided with a through slot forming a passage for the tail end and the body and a locking strip is fixedly arranged in the head and protruding into the said slot and inclined upwardly.*

119743. Sandoz Ltd. Azo compounds process for the production thereof process for the pigmentation of plastics and plastics wherever pigmented with the same. Accepted on 7th November 1970.

*Disazoning 3-amino-4-chlorobenzoic and anilide-2'-methyl-5' sulphonic acid and coupling with 2-hydroxy-3-naphthoic and 2'-4'-dimethoxy 5'-chlorophenylamide.*

119757. C. T. J. Singh. Air horns for motor cars. Accepted on 7th November 1970.

*Comprising a hollow common tube connected to two air horns joined together and supplying compressed air the flow of air being regulated by a foot operated switch.*

119765. Ciba Limited. Preparation for the selective control of weeds. Accepted on 10th November 1970.

*Comprises disubstituted phenyl, methyl urea as active substance together with a carrier.*

119936 Vsesojuzny Nauchno-Issledovatel'sky Institut Kriogennoy Mashinostroeniya. Method of liberation of pure nitrogen and oxygen from air. Accepted on 7th November 1970.

*Characterized in that the compressed and cleaned air is divided in two portions and are passed through a first heat exchanger and a second heat exchanger, the air passing through first exchanger being cooled by cold stream of nitrogen and second the second being cooled by cold liquid compressed oxygen and cold argon fraction and a portion of cooled air from first heat exchanger is mixed with cooled air from second heat exchanger and the mixture thus obtained is expanded and mixed with the expanded remaining portion of the cooled air from first heat exchanger before being admitted into the rectifying column.*

120103. F. L. & I. C. Codman Company. Resilient abrasive member and manufacture thereof. Accepted on 9th November 1970.

*Whereby the abrasive grains penetrate below the surface of the said member and bonding said grains in place with a bonding agent.*

120119. R. V. Raghavan. Three mirrors (all view) rear view mirror for cars. Accepted on 10th November 1970.

*Three mirrors, two mirrors at two ends being bent backward to a small range of angle of 15°.*

120137. Imperial Chemical Industries Limited. Free-running pentaerythritol tetranitrate (4th March 1968). Accepted on 9th November 1970.

*Comprises co-precipitating pentaerythritol tetranitrate and di-pentaerythritol hexanitrate from a mutual solvent.*

120226. Celanese Corporation. Fibrillated thermoplastic polymeric products and process for preparing the same. [Addition to No. 111767]. Accepted on 7th November 1970.

*Comprises mixing a thermoplastic polymer with a foaming agent, heating the same to form a polymer stream, dividing and extruding said polymer as thermoplastic ribbons having a width to thickness ratio of 200 : 1 to 20000 : 1 and attenuating the ribbons.*

120298 R. G. DePenning. An electronic-ionic amplifier and a method of electrographic recording. Accepted on 7th November 1970.

*Comprising excitation electrode means, collector electrodes, internal excitation chamber within the former, means to produce a flow of inert gas through excitation chamber, means to excite the inert gas and grid electrode means spaced between excitation electrode means and collector electrode means.*

120584. Imperial Chemical Industries Limited. Manufacture of bipyridylum salts. (5th April 1968). Accepted on 9th November 1970.

*Comprises treating the corresponding 1, 1'-disubstituted 1, 1', 4, 4'-tetrahydro-4, 4'-bipyridyl with a salt of a metal capable of existing in two valency states.*

120660. Imperial Chemical Industries Limited. Manufacture of bipyridylum salts. (29th May 1968). Accepted on 7th November 1970.

*Comprises reacting 1, 1'-disubstituted tetrahydربipyridyl with inorganic oxacid anhydride.*

120796 K. Saito. Antiseptic treatment of chips or barked timber of waste rubber wood. Accepted on 12th October 1970.

*Comprises treating chips or barked timber with a dispersion of one or two organotin compound, a chlorophenol compound and a suitable conventional surface active agent.*

120992. The Dunlop Company Limited. Improvements in or relating to the casting of reinforced articles. Accepted on 7th November 1970.

Provided with at least one element of open structure material feeding liquid casting material to the mould and rotating the mould so as to substantially fill the mould including the open structure of said element.

121209. St. Joseph Lead Company. Improvements in or relating to dispersion strengthened lead. Accepted on 7th November 1970.

Comprising storing the powder, immediately after oxidation and until required for use, in air while maintaining the powder at a temperature in a range of 50—100°C.

121268. H. A. Lonnqvist. Improvements in or relating to distillers for the production of salt-free water from sea-water. Accepted on 7th November 1970.

Comprising intake of sea water via pump, hydrophone partly to salt-water tank partly via preheater to tunnel provided with nozzles, a salt separating filter in condensing plant moisture separated to fresh water conducted to a tank via a pump and hydrophone.

121328. Almasfuzitoi Timfoldgyar. Process and apparatus for the leaching of soluble materials from slurries. Accepted on 10th November 1970.

In which between a slurry zone and a treating zone separated by a filter surface, the liquid containing the matter dissolved from the slurry zone is flown through the filter surface into the treating liquid zone and alternatively the treating liquid is flown into the slurry zone and both the slurry and the liquid are fed in batches over the slurry zone and the liquid zone respectively.

121348. Vsesojuzny nauchno-issledovatel'sky i proektny institut po ochistke tekhnologicheskikh gazov, stochnykh vod i ispolzovaniju vtorichnykh energoresurssov predpriyatiy chernoi metallurgii. Cooling component for cooling systems of metallurgical furnaces. Accepted on 10th November 1970.

Characterized in that the rows of the refractory bricks overlap the cooling component by width and are isolated from the plate fibs by means of gaskets preferably, asbestos gaskets, protecting the plate against deformation.

121396. Stamicarbon N. V. Process for the preparation of alkene polymers. Accepted on 10th November 1970.

Polymerizing alkene with a catalyst obtained by mixing aluminium-halogen compound, titanium compound and organo-magnesium compound in presence of activator such as alkanol, alkenol, alkanoate, alkenoate, carboxylic acid, ester, salt thereof of adduct, or ketone, at 110°C.

121400. Societe Fives Lille-Cail. Improvement in crystallization apparatus. Accepted on 9th November 1970.

Comprises a horizontal container containing at least one heating assembly including heating hollow plates connected to steam chest each heating assembly being divided into two superposed compartments by a longitudinal partition.

121450. Indian Oxygen Limited. A method of reducing the carbon dioxide content in a liquid. (21st May 1968). Accepted on 7th November 1970.

Introducing an inert gas into the flowing stream of liquid and inducing turbulence down stream.

121463. Morganite Carbon Limited. Electrical contact brushes. (23rd May 1968). Accepted on 10th November 1970.

Comprising a carbon-and metal containing body portion, a metallic body sintered with the body portion and a flexible electrical conductor attached to the metallic layer.

121502. Mrs. Kanjibala Chinubhai Gandhi. Improvements in or relating to abdominal binder or belts. Accepted on 10th October 1970.

Wherein the length of elastic woven band is provided with a number of spaced parallel pockets in each of which is inserted a steel stay which will enable a perfect fit to the wearer and the binder will be held in position around the abdominal region.

121503. Fisons Pharmaceuticals Limited. Inhalation device (7th June 1968). [Addition to No. 104086]. Accepted on 7th November 1970.

Including a propeller-like device rotatably mounted in a housing by a shaft journalled in a bearing tube and adapted to receive a container for powdered medicament.

121717. Ciba Limited. Dyestuff preparation. Accepted on 9th November 1970.

Comprising water-insoluble dyestuff and a polyhydroxylated organic compound esterified with inorganic acid.

121858. N. V. Philips Gloeilampenfabrieken. Semiconductor device for amplifying microwaves. Accepted on 10th November 1970.

Characterised in that the epitaxial layer adjoins a boundary region having a resistivity which is higher than the resistivity of the epitaxial layer, the connection contacts being provided in the direction of the layer.

122156. Toms River Chemical Corporation. Acid dyes for nylon and process for their manufacture. Accepted on 7th November 1970.

Comprises acylating a corresponding diazo phenol with an aryl sulphuric acid.

122180. Aktiebolaget Bofors. Ranging system. Accepted on 7th November 1970.

Comprising at least one register, connecting means connecting first counter with the register, a normally closed gate in the connecting means and gate opening means for momentarily opening the gate in response to at least one received reflected pulse.

122236. Allied Chemical Corporation. Abrasive articles and method of making the same. Accepted on 9th November 1970.

Comprises a substrate with an abrasive material thereon, said substrate being a textile material comprised of yarn elements made from at least two different fibre forming polymer, a substantial portion of said elements being fused together at contact points.

122320. Unilever Limited. A blow-moulded plastic bottle. Accepted on 11th November 1970.

A shoulder region with a wholly externally convex curvature forming a transition zone and a externally concavely curved second transition zone between the shoulder region and a cylindrical bottle neck.

122346. Fertilizer Corporation of India Limited. A process of preparation of high grade sodium polyphosphate from crude wet process phosphoric acid. Accepted on 10th November 1970.

Comprises (a) neutralizing phosphoric acid with sodium carbonate to a pH 4.5 to 6.0, (b) filtering solid mass obtained, (c) reacting the filtrate with gaseous or aqueous ammonia, (d) filtering the solid mass and heating it and then quenching the hot fluid mass.

122773. Farbensfabriken Bayer Aktiengesellschaft. Fungicidal compositions containing 2-[pyrazolyl(1)]-benzimidazole derivatives. Accepted on 11th November 1970.

Fungicidal composition containing as active ingredient a 2-[pyrazolyl(1)]-benzimidazole derivative

lives in admixture with a solid diluent or carrier or in admixture with a liquid diluent or carrier containing a surface active agent.

122843. Imperial Chemical Industries of Australia and New Zealand Limited. Explosive compositions. (6th September 1968). Accepted on 10th November 1970.

Comprises (a) at least one liquid explosive nitric ester, (b) nitro cellulose, (c) at least one inorganic oxidising agent, (d) at least one carbonaceous combustible material and (e) as a plasticity promoting agent at least one condensation product of ethylene oxide with a compound like alkyl phenol, long chain alcohol, amines amides, carboxylic acid etc.

123180. Financiera Tamja Sociedad Anonima. Improvements in methods for manufacturing agglomerated body-members. Accepted on 9th November 1970.

Subjecting moulded mixture to thermal shock, maintaining a humidity control and thereby accelerating the setting and hardening of the body member which is being formed.

123195. Allied Chemical Corporation. Purification of carbonate process solutions. Accepted on 10th November 1970.

Comprises passing the process solution through a bed of activated carbon and then reenerating the bed by passing an aqueous medium maintained at a temperature of 50° to 95°C through the bed to bring about a reduction in the amount of organic contaminants absorbed of the bed.

123208. Hindustan Lever Limited. Process for the preparation of 2-n-hexylcyclopentanone. Accepted on 9th November 1970.

Comprises condensing an alkali metal enolate of a 2-carb ( $C_1-C_4$ )-alkoxy cyclopentanone with a 2-hexyl halide followed by reaction of the product formed with a mineral acid.

122310. Polysius AG. Travelling grate for cooling material. Accepted on 7th November 1970.

Characterized in that where the material to be cooled falls the grate forms a trough.

123872. Continental Oil Company. Cathodic process for the preparation of tetraalkyl lead compounds. Accepted on 10th November 1970.

Comprises passing an electrolyzing direct current through a liquid catholyte comprising, (a) an alkyl bromide or a mixture of two alkyl bromides, (b) a current carrier selected from the group consisting of tetrabutyl ammonium bromide and tetrabutyl phosphonium bromide, and (c) water.

123936. Danfoss A/S. Piston for compressors and the like and method for its manufacture. Accepted on 4th November 1970.

The end-wall of the piston consists of two superposed and inter connected bases one of which is the base of the cup.

123937. Danfoss A/S. Connecting-rod and method for its manufacture. Accepted on 4th November 1970.

The eccentric crank bearing head consisting of a length of tubing and of a shaped sheet metal part which is secured to part of the circumference of the length of tubing and which contains a hole for accommodating the shaft.

124188. Ernst Jacobi & Co. KG. Pneumatic cleaning apparatus for textile machines equipped with a cable connection. Accepted on 10th November 1970.

A cage extending along the guide rail path which cage is provided with a longitudinal slot

for the engagement of the lever, said lever connecting the pneumatic apparatus with the cable.

124191. Teijin Limited. Stuffer crimper. Accepted on 10th November 1970.

Comprises side plates engaged with both side faces of a pair of feed rolls characterised in that said side plates are freely rotatably held in specified positions of inner surfaces of holders and are urged against the end faces of said feed rolls.

124214. Council of Scientific and Industrial Research. Improvements in or relating to the electrolytic preparation of sodium chlorate liquor of higher concentration. Accepted on 10th November 1970.

Comprising electrolysing a concentrated solution of sodium chloride in a cell using graphite substrate lead dioxide anode and stainless steel cathode at a temperature from 35—40°C and an anode current density of 1 to 6 amp/dm<sup>2</sup> and 2 g/l sodium dichromate to the electrolyte.

124462. I. J. Kapani. Rotary pump. Accepted on 10th November 1970.

Comprising a body having a hollow vertical column and a base, an impeller secured to an impeller shaft, inlet and outlet means.

124520. Jervis B. Webb Company. Track member for a dragline chain. Accepted on 6th November 1970.

Has a base portion, a pair of transversely spaced side portions formed integrally with the base portion and extending generally perpendicular thereto and anchoring means on at least one of the side portions.

124594. Alcan Research and Development Limited. Rolling mill for and method of rolling strip. Accepted on 9th November 1970.

Comprises a pair of work rolls between which strip is rolled, sensor means for detecting contour, cooling means to cool the rolls and control means responsive to the outputs from the sensor means to identify the extreme "on" zone.

124616. Multimatic Displays, Inc. Display apparatus. Accepted on 7th November 1970.

Having strips of each group supported from at least one reciprocable member the reciprocable member of each group of corresponding strips being supported from frame members for movement parallel to reciprocable members of other groups and the reciprocable member having a driven member for cooperation with a sequencing drive mechanism.

124709. L. Bagnulo. Electrically insulating joint for metallic pipe lines. Accepted on 7th November 1970.

Characterised by two flared tube ends, an insulating sleeve, a radial web, projecting insulating means and a covering sleeve, all strongly bonded together by a radially inwardly directed pressure.

125008. The United Steel Companies Limited. Continuous casting machines. (17th February 1969). [Addition to No. 106684]. Accepted on 10th November 1970.

Pipes for the flow of cooling water to and from the water jacket are flexibly jointed to accommodate the reciprocating movement of the assembly.

127714. Fisons Pharmaceuticals Limited. Inhalation device. [Addition to No. 104086]. [Divisional date 26th May 1969]. Accepted on 7th November 1970.

Including a propeller like device rotatably mounted in a housing by a shaft journaled in a tapered bearing tube with means adapted to receive a container for powdered medicament.

**Printed Specification Published**

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy:—

60381. 69192. 69447. 71645. 72566. 75305. 76124. 77038.  
 77039. 77328. 77808. 77834. 78874. 78905. 78909. 79320.  
 79529. 79630. 80229. 80256. 80257. 80267. 80270. 80299.  
 80300. 80308. 80371. 80372. 80432. 80499. 80519. 80901.  
 80958. 80988. 81201. 81365. 81692. 81782. 81948. 82068.  
 82099. 82152. 82154. 82324. 82602. 82645. 82884. 82889.  
 82902. 82929. 83776. 84355. 84381. 87199.

**Opposition Proceedings**

(1)

An opposition has been entered by Atlas Industries Company to the grant of a patent on application No. 123528, made by Gopinath Payne.

(2)

The opposition entered by Victory Flask Company Private Ltd. to the grant of a patent on Application No. 77714 made by A. C. Padamsee, as notified in the Gazette of India, Part III, Section 2, dated the 15th June, 1963, has been treated as withdrawn.

(3)

Opposition entered by The Khatau Makanji Spg. & Wvg. Co., Ltd. to the grant of a patent on application No. 100018 made by Ahmedabad Manufacturing and Calico Printing Company Limited, as notified in Part III, Section 2 of the Gazette of India dated the 16th September, 1967, has been treated as abandoned.

**Patents Sealed**

70029. 84697. 92950. 93025. 93425. 93618. 94612. 96088.  
 100702. 103567. 116683. 116716. 116754. 116759. 116771.  
 116854. 116878. 117016. 117081. 117169. 117372. 117543.  
 117657. 117729. 117769. 117978. 117992. 118027. 118037  
 119123. 119167. 119645. 119685. 119727. 119756. 119930.  
 120044. 120271. 120289. 120299. 120325. 120456. 120480.  
 120571. 120613. 120755. 120880. 120957. 121130. 121147.  
 121238. 121290. 121639. 121722. 121857. 122039. 122095.  
 122155. 122223. 122231. 122390. 122400. 122604. 122816.  
 123037. 123144. 123169.

**Amendment Proceedings**

(1)

The amendments proposed by Columbia Broadcasting System, Inc., in respect of patent application No. 114624 as advertised in Part III, Section 2 of the Gazette of India, dated the 25th July 1970 have been allowed.

(2)

The amendments proposed by Columbia Broadcasting System Inc., in respect of patent application No. 122982 as advertised in Part III, Section 2 of the Gazette of India, dated the 25th July 1970 have been allowed.

**Registration of Assignments, Licences, etc. (Patents)**

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the name of the parties claiming interests:—

71138 — (Mrs.) Seetalakshmi Ramaswami.

93597 } M/s. Sphere Investments Limited.

95990 } M/s. A/B E. Box.

90779 — Preformed Line Products Company.

80794 — M/s. Dresser Europe S. A.

94848 — M/s. Coyne Cylinder Company.

78387 — M/s. QST Industries, Inc.

81211 } M/s. Sphere Investments Limited.

93598 } M/s. Permanent Products Corp.

97870 — M/s. Sundstrand Corporation.  
 82555 — M/s. Cons Quebec Smelting and Refining Ltd., and M/s. Fina Metal Ltd.  
 84428 — M/s. FMC Corporation.  
 66810 — Sri Satyendra Nath Sett.  
 97671 — M/s. Hydro Chemical & Mineral Corp.  
 97917 }  
 97918 } M/s. Rogers Corporation.  
 97919 }  
 97920 }  
 94958 } M/s. Photocircuits Corporation.  
 94959 }  
 102934 — M/s. International Standard Electric Corporation.  
 103661 — M/s. Centropa Handelsgesellschaft mbH.  
 102935 — M/s. International Standard Electric Corporation.  
 115718 — M/s. Ventron Corporation.  
 104893 — Dipl.-Ing. Peter Niedner.  
 106301 — M/s. Binny Limited.  
 106306 — M/s. Bata Shoe Company Private Limited.  
 107240 — M/s. CF & I Engineers, Inc.  
 114297 — M/s. Paraho Corporation.  
 95425 }  
 95420 }  
 64716 }  
 103972 } M/s. National Research Development Corporation  
 105081 } of India.  
 102483 }  
 102485 }

**Renewal Fees Paid**

55842. 55966. 56041. 56116. 56117. 56197. 56376. 58975.  
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**Cessation of Patents**

69832. 69833. 69837. 69839. 69840. 69843. 69844. 69845.  
 69846. 72291. 87189. 87191. 87198. 93721. 93723. 93728.  
 93739. 93740. 93741. 109444.

**Restoration Proceedings**

(1)

An order has been made on the 15th October 1970, restoring the patent No. 75521 dated as of the 25th February 1961.

granted to continental Oil Company for "apparatus or producing a seismic record."

(2)

An order has been made on the 12th October 1970, restoring the patent No. 101191 dated as of the 18th August 1965 granted to Gunvantrai Bhimjibhai Mehta for "improved gas fired cooking range or stove".

(3)

An order has been made on the 15th October 1970, restoring the patent No. 77332, dated as of the 26th June 1961 granted to Sharadben Harivadan Parikh for "an educational toy for teaching children very elementary arithmetic."

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 137488. Gopal Sharan Gupta, Indian National & Sunbeam Industries, 4B, Gandhi Gram, G. T.

Road, Kanpur-7, Uttar Pradesh, India. "Locks", May 22, 1970.

Class 4. No. 137239. Nagendra Kumar Gupta, 115, Hem Chandra Nasker Road, Calcutta-10, West Bengal India, An Indian National. "Bottles", March 11, 1970.

Class 13. Nos. 137701 to 137710. The Khatau Makanji Spg. & Wvg. Co. Ltd., Laxmi Building, 6, Ballard Road, Bombay 1, Indian Company. "Textile piece-good," July 16, 1970.

Class 13. No. 137922. The Century Spg. & Mfg. Col. Ltd. Century Bhavan Dr. Annie Basant Road, Worli, Bombay 25 DD, Nationality: Indian Company, "Textile goods other than checks or stripes", September 7, 1970.

Class 13. Nos. 137954 and 137955. Shree Ram Mills Ltd., Fergusson Road, Lower Parel, Bombay 13, Maharashtra, Nationality—Indian Company, "Textile goods", September 16, 1970.

Class 14. Nos. 137524 and 137526. Shree Ram Mills Ltd., Fergusson Road, Lower Parel, Bombay 13, Maharashtra, Nationality—Indian Company. "Textile goods", May 27, 1970.

S. VEDARAMAN,  
Controller General of Patents, Designs  
and Trade Marks.

